



PRELIMINARY RESULTS **Functional**

Test & Evaluation (FT&E)

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Methodology & Results

Briefing to SPS FRB

Presenter: Ms. Carol White

01 Mar 01



Topics



- **Background**
- **FT&E Methodology**
- **FT&E Results**
- **Summary / Recommendation**

Background



DoD High-Level Roadmap



FY 1999				FY 2000				FY 2001				FY 2002				FY 2003			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
★ SPS v4.1				★ Quarterly Maintenance Releases (V4.1c, V4.1d - V4.1g)				★ SPS v4.2				★ SPS v5.0				★ SPS v5.1			
								◆ v5.1 Baseline											



~ 811 sites
21,029 users



~ 123 sites
13,525 users

Version 4.2

Version 5.0

~ 69 sites
2,222 users



Version 5.1



~ 36 sites
5,633 users



Issues



- **SPS a COTS Product... Evolving**
- **Requirements Process Deliberative (18-24 mths)**
 - **Version 4.1.b deployed to Air Force sites**
 - **Version 4.1.e will be next Air Force upgrade for all sites**
 - **Version 4.2 Release-- March 2001**
 - **All Air Force sites must get Version 4.1.e. first**
 - **MWS & S&T 5.0 Version Release-- Sep 2002**
- **Requirements for ICPs / ALCs must be identified and on contract this fiscal year**
 - **Software Version Available for Comparison -- 4.1.e**
 - **AMS on-site with laptop with V4.2 ; 5.0 requirements**



FT&E Methodology



FT&E Objective



- **Objective**

- Compare and contrast current functional baseline (ACPS Version 15) against SPS Version 4.1.e, and future planned requirements through Version 5.0, to identify / validate Voids & Deltas and ultimately determine Air Force ALC requirements for SPS Version 5.1

Void-- ACPS Functionality that is NOT in SPS

Delta-- SPS Functionality Significantly “Lagging” ACPS



FT&E Participants



• FT&E Management Support Team

- Host Site -- AFCIS-Hill AFB

- Maj Chris Trotter - Debbie Goode - Jim Soderquist
- Joe Ford - Alison Trowbridge - Ed Carey

- Facilitator -- Carol White (AFMC/PKS)

- Other Government Personnel

- Edie Ryan (AFMC / PKS)
- Lt Col Krogh (AFCIS - WP)
- Juan Lopez (SAF / AQCI) and Anita Hill (Anser)

- AMS On-Site Support Personnel

- Al Spencer (participated in MWS & S&T FT&E)
- Jim Stoops (Strategic Requirements)



FT&E Participants (cont'd)



• Procurement Professionals from ALCs

Wright Patterson AFB

- Pam Strader, ASC/PKW
- Jennifer Hawks, ASC/PKW

Tinker AFB

- Mike Coursey, OC/LADBA
- Debra Harrison, OC/LIDIA
- Gary Walter, OC/LIDAB
- Claude Boggs, OC/LPDAB
- Ray Williams, OC/LPDBB

Hill AFB

- Cheryl Dumas, OO-ALC
- Julie Gibby, OO-ALC
- Lois Moeglein, OO-ALC
- Kerry Wayne, OO-ALC
- Dennis Branham, OO-ALC



FT&E Process



● Five-Step Process

1 -- Document Systems Functionality

-- ACPS versus SPS Comparison Matrix (274 items)

2 -- Identify PD2 Voids and Deltas; Rank

-- Bridge gaps between SPS Version 4.1.e & 5.0

3 -- Pre-test Activities

-- SPS Users Hands-on Training / FT&E Familiarization Trng

4 -- Test and Evaluation

5 -- Documentation of Results



FT&E Schedule



- **Week 1: Standard SPS Hands-On Users Course**
 - Build Access Database -- Matrix / Tester Workspace
- **Week 2: Pre-Testing Activities / Test**
 - FT&E Process Training / ACPS Hands-On Training
 - Detailed Matrix Review - Baseline
 - Identify Voids & Delta with Rationale; Rank
 - Develop Test Scenarios / Coordinate Hill & AMS
 - Test & Evaluate to Validate SPS Voids & Deltas
- **Week 3: Documentation of Results**
 - Finalize T&E / Supporting Documentation
 - Participants draft corresponding V5.1 requirements paragraphs
 - Management Team review of all T&E Findings / Documentation
 - FT&E Group review of all T&E Findings

FT&E Results



Preliminary Results

- **Preliminary FT&E Results**

- Raw data from the 3-week FT&E being processed / summarized for inclusion in a **Final Report by AFMC/PKS** (ECD mid-March)
- Some V5.1 write ups may be arguable for V5.0
- Some write ups arguable as SDRs
- Drafted requirements require additional research/expansion prior to being considered final

***Results Subject to Final Approval
by AFMC/PK and SAF/AQC***



Preliminary Results

(cont'd)



- **ACPS V15 Baselined Functionality vs PD2 V4.1.e plus planned enhancements thru V5.0**
 - **274 ACPS items current capability / enhancements**
 - **107 items identified as PD2 current capability**
 - **167 items identified / prioritized as Voids or Deltas**
 - **50% rated above cut-line for V5.1 consideration**
 - **5 items tested and found to be current in 4.1.e**
 - **65 items determined to be in V4.2 or V5.0 baseline**
 - **66 items to be considered for V5.1**
(will be condensed into much smaller set)



Preliminary Results (cont'd)



- **V5.1 Requirements**
 - **Unit of Issue Codes IAW AFM 23-110**
 - **Logistics System Interfaces (handled by AFCIS / PMO)**
 - **J041, J023, J090A, M024, D035T, D203**
 - **Additional Data Fields within PD2 to support logistics systems data flow**
 - **Additional Data Fields within PD2 to support logistics systems requirements**
 - **AFMC 807- QA; AFMC 761- Item Screening Analysis**
 - **Engineering Data List; AFMC 260 - First Article, etc.**
 - **J041 Milestones (possible V5.0)**



Preliminary Results (cont'd)



- **V5.1 Requirements (cont'd)**
 - Stock Number data base enhancements to properly link added fields to NSN / expand NSN maintenance capability
 - Enhancement on face page blocks to allow input of multiple payment and administration offices notice
 - Enhancement to display audit trail of changes on Conformed Copy (possibly argue for V5.0)
 - Enhancement to flag document / EDI when partial obligation made with intent to obligate balance at a later time



Preliminary Results (cont'd)



- **V5.1 Requirements (cont'd)**
 - **Web offer capability / enhancements to Offer Eval**
 - **CO / buyer notification of who accesses solicitation & when**
 - **Secured from unauthorized access**
 - **Capability to indicate electronic 'no bid'**
 - **Electronic date / time stamp when received**
 - **Indicator on late proposals**
 - **Indicator for offers differing from solicitation requirements**
 - **Auto population of Offer Evaluation Module (1407 Abstract)**
 - **Capability to print electronic offers in their entirety**
 - **Automatic import of data into award document for successful offeror(s)**
 - **Capability to Sort Offers by proposal receipt date and delivery date**
 - **Capability to evaluate offers at the total price level**

o you have any known Offer Evaluation Module Enhancements?



Preliminary Results (cont'd)



- **V5.1 Requirements (cont'd)**
 - **Enhancements to Clause Logic functionality**
 - **Auto fill-ins (possibly argue for V5.0)**
 - **Add prescriptive language under Clause title in document**
 - **Clause Mapping for Mandatory Clauses (possible SDR)**
 - **DD350 / 1057 Processing-- automatic J001 reporting**
 - **Elimination of 1057 feeder sheet**
 - **Maximum auto population of DD350 (possible SDR)**
 - **Enhancements to Info Subline Item Creation (possibly argue for V5.0)**
 - **Spell-check in light of V5.0 PDF format vs Word**
 - **Standard Printing Options (possibly V5.0)**



Preliminary Results (cont'd)



- **V4.2 / V5.0 Requirements Already Covered**
 - Buyer email in Issued By-- 4.2
 - Cage Code validation against CCR -- 5.0
 - Template Capability / Documents (SA & Buyer)-- 5.0
 - Inter- and intra-server document sharing - 5.0
 - Form independence from data-- 5.0 (*formless face pages*)
 - Auto email / FTP-- 5.0 (*Send "electronic pkg" via WebMethods*)
 - Web creation of PR Docs-- 5.0 (*Build #3-- Web PRs*)
 - SF 1447 as data object-- 5.0 (*formless face page concept*)
 - SF 252 as data object-- 5.0 (*formless face page concept*)
 - Auto inclusion of mandatory clauses-- 5.0 research



Preliminary Results (cont'd)



- **V4.2 / V5.0 (cont'd)**

- **TSA's-- 4.2**
- **Assign Document Numbers-- 4.2** (*changeable prior to release*)
- **Text Blocks-- 5.0** (*allows text blocks in any section*)
- **Create/Definitize UCAs-- 4.2** (*supports UCAs/PZ mods*)
- **System-Generated Stand Alone Section K-- 5.0**
- **BOA's-- 4.2**
- **Vendor Records validated w / CCR-- 5.0**
- **Clause fill-in data auto-populates-- 5.0** (*fill-in bookmarks*)
- **Reference text only for clauses with fill-ins-- 5.0**
- **Distinguish between buyer / vendor fill-in-- 5.0**



Preliminary Results (cont'd)



- **V4.2 / V5.0 (cont'd)**

- **Selected Clauses listed by Section-- 5.0**
- **Non value-added check boxes-- 5.0 *(new architecture)***
- **FAR, DFARS, AFFARS, AFMC FAR Clause Logic Levels-- 5.0 *(central distribution of lower levels & logic)***
- **Local Clause Help-- 5.0 *(local guidance not overwritten by updates to higher level clauses and/or logic)***
- **Duplicate Clause Numbers-- 5.0 *(prohibits duplicates)***
- **Actual Prescriptive Language-- 5.0**
- **Label Clauses (added, deleted, tailored)-- 5.0 *(worksheet)***
- **Copying CLINs any action-- 5.0**
- **Identify special conditions CLINs-- 5.0 *(unlimited text field)***



Preliminary Results (cont'd)



- **V4.2 / V5.0 (cont'd)**

- Multiple delivery dates, ship to/mark for, locations, transportation priority on single CLIN-- 4.2
- Periodic / event driven / TBD deliveries-- 5.0
- "As Required deliveries-- 5.0
- ELIN Delivery Schedules -- 5.0
- Alternate location for Delivery Schedule in Section B-- 4.2 *(unlimited CLIN templates)*
- PR number displayed in Section G-- 4.2
- Multiple PRs against single ACRN / LOA-- 5.0
- Funds Reconciliation / Display (PRs, ACRNs / LOAs, CLINs)-- 5.0



Preliminary Results (cont'd)



- **V4.2 / V5.0 (cont'd)**
 - **Service-level structured LOAs-- 4.2**
 - **NAICS Code maintenance as Data-- 4.2**
 - **Undo Button-- 5.0 *(at data field level)***
 - **Historical Summary of Changes (document-level and/or line-item level) made against user-specified Released Actions-- 5.0**
 - **Context-Sensitive Help on all Screens-- 5.0 *(commercial)***
 - **Audit Trail--Clause Selection-- 5.0 *(worksheet)***
 - **Contract file documents linked to Contract document-- 5.0 *(automated folder / linking concept)***



Preliminary Results (cont'd)



- **V4.2 / V5.0 (cont'd)**

- Funds error messages trace error to lowest levels (e.g. dollar value to ACRN / LOA and CLIN)-- 5.0
- Selective archiving as single action-- 5.0
- Auto-Archiving of Completed / Cancelled Actions-- 5.0
- Explorer-type Interface for Doc Management-- 5.0
- Ad Hoc Queries on any ODBC-compliant data base-- 5.0
- Weblinks Listing -- 5.0
- Accurate display vs printing of Contractor's Address-- 5.0 (CCR auto-populates)
- Assign temporary document numbers prior to award-- 4.2



Preliminary Results (cont'd)



- **V4.2 / V5.0 (cont'd)**
 - Hybrid contract text for CLIN / clause association done in ranges in lieu of one CLIN at a time-- 5.0
 - Auto Clause Order by Section, Command level, full text and by reference, in numerical order-- 5.0
 - Optional Reselection of Clauses w / o replacing buyer adds, deletes, tailors or fill-ins -- 5.0
 - DPAS Rating Codes Menu-- 5.0



SPS JOINT REQUIREMENTS BOARD (JRB) PROCESS



***Subject to AFMC/PK and SAF/AQC
Approval:***

- Air Force Requirements presented to JRB in Mar 2001
 - AF JRB Reps were participants in FT&E
 - Juan Lopez (SAF/AQCI)
 - Carol White (AFMC/PKS)
- JRB Briefs “Purple” Requirements to SPS Council
 - Chaired by: Mr Bob Donatutie (OSD)
 - AF Rep: Col Lyndi Balven
- Council- Approved Requirements Sent to PMO
 - PMO mandate to acquire Version 5.1 Requirements
 - NLT August 2001

Questions / Comments

